

ABSTRACT OF THE DISCLOSURE

A multi-stage automatic transmission possesses an input drive shaft (AN), an output drive shaft (AB), three single planetary gear sets (RS1, RS2, RS3) as well as five shifting elements (A to E), by means of the pairwise selective closure of which, an entry speed of rotation of the input drive shaft (AN) can be transmitted to the output drive shaft (AB) without group shifting. A sun gear (SO3) of the third planetary gear set (RS3) can be set motionless by the first shifting element (A) on the transmission housing (GG). The input drive shaft (AN) is bound to a sun gear (SO2) of the second planetary gear set (RS2) and by means of the second shifting element (B) can be connected with a sun gear (SO1) of the first planetary gear set (RS1) and/or by means of the fifth shifting element (E) with a spider (ST1) of the first planetary gear set (RS1). Alternatively, the sun gear (SO1) of the first planetary gear set (RS1), by means of the third shifting element (C) and/or the spider (ST1) of the first planetary gear set (RS1) by means of the fourth shifting element (D) can be affixed to the transmission housing (GG). The output drive shaft (AB) is connected to an internal gear (HO1) of the first planetary gear set (RS1) and connected to one of the spiders (ST2, ST3) of the second or third planetary gear sets (RS2, RS3). The third and fourth shifting element (C, D) are placed radially above one another. The fifth (E) and the second (B) shifting elements are placed radially one over the other.